



08/410,129

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David S. Russell et al.

Examiner: G. Oehling

Serial No.: 08/410,129

Group Art Unit: 2608

Filed: March 23, 1995

Docket: 500.002US7

Title: CELLULAR COMMUNICATIONS SYSTEM WITH CENTRALIZED BASE STATIONS AND DISTRIBUTED ANTENNA UNITS

#8/Amelt B
R. Morgan
8/7/96

AMENDMENT AND RESPONSE

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated January 23, 1996, please amend this Application
as follows:

RECEIVED
96 AUG -5 PM 3:59
GROUP 25th

In the Claims

Cancel without prejudice claims 39-44, and substitute therefor new claims 45-60:

491

45. (New) A method of communicating a plurality of two-way,

inbound/outbound, cellular telephone transmissions between a base station and a physically remote cell using a set of channels, comprising the steps of:

at the base station —

receiving a plurality of outbound telephone transmissions from a network;

generating a separate RF analog outbound channel carrier for each channel in the

set;

analog modulating the outbound telephone transmissions onto respective ones of the RF analog outbound channel carriers so as to produce a set of individual RF analog outbound modulated channel carriers;

combining the set of modulated analog channel carriers into a single RF analog outbound combined signal representing all of the outbound telephone transmissions in the set of channels;

B₁ ext.

R-126

42